

GRADE 6

Item Number 68558
Number, Operations

Key: C

Montana Standard 2

1. The ratio of boys to girls in a music class is 2 to 3. If there are 15 girls in the class, how many boys are in the class?
 - A. 5
 - B. 9
 - C. 10
 - D. 22

GRADE 6

Item Number 170215

Key: D

Montana Standard 7

Patterns, Relations, Functions

Use the figures below to answer question 1.

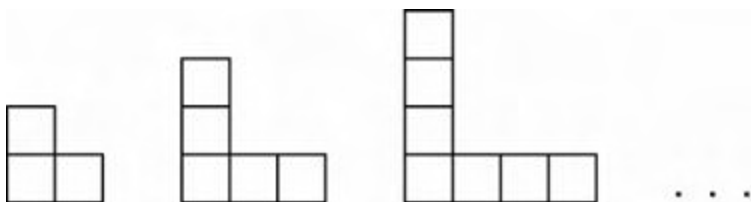


Figure 1

Figure 2

Figure 3

1. If this pattern continues, how many squares will be in **Figure 7**?

- A. 7
- B. 11
- C. 13
- D. 15

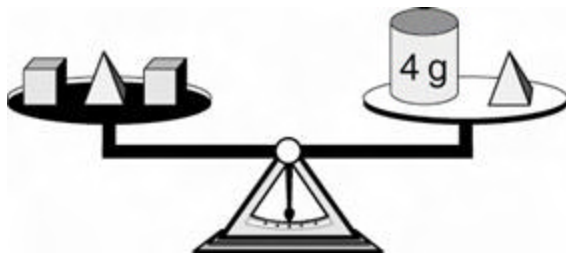
GRADE 6

Item Number 64032
Algebra

Key: B

Montana Standard 3

Use the picture below to answer question 1.



1. The scale pictured above is perfectly balanced. How much does ONE of the cubes weigh?
 - A. 1 g
 - B. 2 g
 - C. 4 g
 - D. 5 g

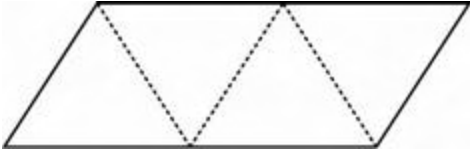
GRADE 6

Item Number 26240
Geometry

Key: D

Montana Standard 4

Use the pattern below to answer question 1.



1. Suppose the pattern is cut out along the solid lines. What figure would the pattern make if folded along the dotted lines?
 - A. rectangular prism
 - B. cube
 - C. rectangular pyramid
 - D. triangular pyramid

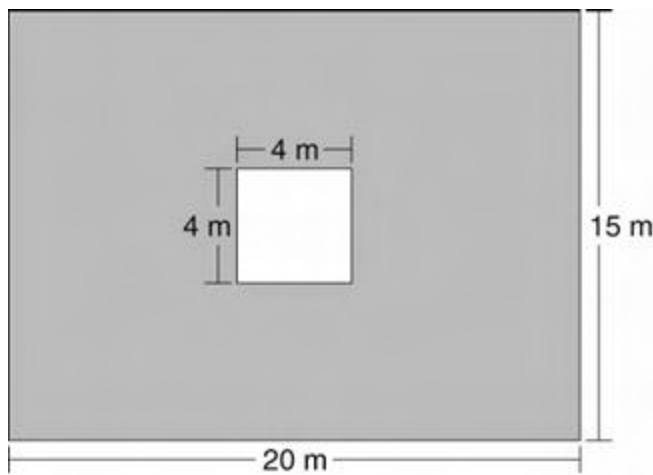
GRADE 6

Item Number 67197
Measurement

Key: B

Montana Standard 5

1. A square is removed from a rectangle as shown below.



What is the area of the shaded part of the rectangle?

- A. 300 m^2
- B. 284 m^2
- C. 80 m^2
- D. 16 m^2

GRADE 6**Item Number 132468****Key C****Montana Standard 6****Data, Statistics, Probability**

The table below shows the types of books that students read for their book reports.

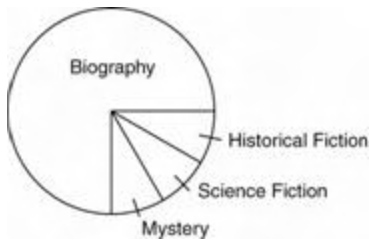
Book Type	Frequency
Mystery	I
Biography	
Historical Fiction	
Science Fiction	

Which circle graph best represents these data?

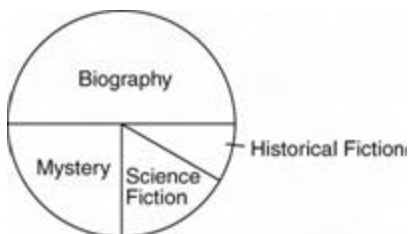
A.



B.



C.



D.

